OHIO PUBLIC WORKS COMMISSION
65 East State Street, Suite 312
Columbus, Ohio 43215
(614) 466-0880 CB615

APPLICATION FOR FINANCIAL ASSISTANCE
Revised 6/90

IMPORTANT: Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

APPLICANT NAME City of Wyoming
STREET 800 Oak Avenue

CITY/ZIP Cincinnati, Ohio 45215

PROJECT NAME Wyoming WTP Improvements
PROJECT TYPE SI 2P
TOTAL COST $1,120,000

TERMINATED By Applicant

DISTRICT NUMBER 2
COUNTY HAMILTON

PROJECT LOCATION ZIP CODE 45215

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DISTRICT FUNDING RECOMMENDATION
To be completed by the District Committee ONLY

RECOMMENDED AMOUNT OF FUNDING: $ 1,120,000.00

FUNDING SOURCE (Check Only One):

State Issue 2 District Allocation

____	Grant	____	State Issue 2 Small Government Fund
X	Loan	____	State Issue 2 Emergency Funds
____	Loan Assistance	____	Local Transportation Improvement Fund

FOR OPWC USE ONLY

OPWC PROJECT NUMBER: _____ OPWC FUNDING AMOUNT: $_____

1.0 APPLICANT INFORMATION

1.1	CHIEF EXECUTIVE OFFICER	Ms. Shari Haldeman
	TITLE	City Manager
	STREET	800 Oak Avenue
	CITY/ZIP	Cincinnati, Ohio 45215
	PHONE	513-821-7600
	FAX	513-821-7952
1.2	CHIEF FINANCIAL OFFICER	Ms. Mary Ann Engel
	TITLE	Finance Director
	STREET	800 Oak Avenue
	CITY/ZIP	Cincinnati, Ohio 45215
	PHONE	513-821-7600
	FAX	513-821-7952
1.3	PROJECT MGR	Mr. Larry Kremer
	TITLE	Engineer
	STREET	Burgess & Niple, Limited 811 Race Street
	CITY/ZIP	Cincinnati, Ohio 45202
	PHONE	513-579-0042
	FAX	513-579-0321
1.4	PROJECT CONTACT	Mr. John Wirtz
	TITLE	Public Works Director
	STREET	800 Oak Avenue
	CITY/ZIP	Cincinnati, Ohio 45215
	PHONE	513-821-7600
	FAX	513-821-7952
1.5	DISTRICT LIAISON	Joseph D. Cottrill
	TITLE	District 2 Liaison Officer
	STREET	138 E. Court Street, Room 700 County Administration Building
	CITY/ZIP	Cincinnati, Ohio 45202
	PHONE	(513) 632-8540
	FAX	(513) 723-9748

2.0 PROJECT INFORMATION

IMPORTANT: If project is multi-jurisdictional in nature, information must be consolidated for completion of this section.

2.1 PROJECT NAME: Wyoming WTP Improvements

2.2 BRIEF PROJECT DESCRIPTION - (Sections A through D):

A. SPECIFIC LOCATION:

Wyoming WTP
606 Van Roberts Place

See attached Addendum for Vicinity Map.

B. PROJECT COMPONENTS:

1. Upgrade existing filters.
2. Construct new filters.
3. New backwash pump and piping.
4. New backwash reclamation basin

See attached Addendum for WTP Site Plan.

C. PHYSICAL DIMENSIONS/CHARACTERISTICS:

See attached Addendum for description and dimensions of each project component.

D. DESIGN SERVICE CAPACITY:

IMPORTANT: Detail shall be included regarding current service capacity vs. proposed service level. If road or bridge project, include ADT. If water or wastewater project, include current residential rates based on monthly usage of 7756 gallons per household.

The Wyoming WTP currently has 3,400 active water customer service connections. The plant design capacity is currently 2.0 mgd. With the proposed changes, the plant design capacity will remain 2.0 mgd with a filtration rate of 2.0 gpm/sq. ft. and one filter out of service. The current residential rate for a monthly usage of 7,756 gallons is $17.00.

2.3 REQUIRED SUPPORTING DOCUMENTATION

(Photographs/Additional Description; Capital Improvements Report; Priority List; 5-year Plan; 2-year Maintenance of Effort Report, etc.) Also discuss the number of temporary and/or fulltime job which are likely to be created as a result of this project. Attach pages. Refer to accompanying instructions for further detail.

See attached Addendum.

3.0 PROJECT FINANCIAL INFORMATION

3.1 PROJECT ESTIMATED COSTS (Round to Nearest Dollar):

a)	Project Engineering Costs:	
	1. Preliminary Engineering	$ N/A
	2. Final Design	$ N/A
	3. Construction Supervision	$ N/A
b)	Acquisition Expenses	
	1. Land	$ N/A
	2. Right-of-Way	$ N/A
c)	Construction Costs	$1,020,000
d)	Equipment Costs	$ N/A
e)	Other Direct Expenses	$ N/A
f)	Contingencies	$ 100,000
g)	TOTAL ESTIMATED COSTS	$1,120,000

3.2 PROJECT FINANCIAL RESOURCES (Round to nearest Dollar & %)

		Dollars	%
a)	Local In-Kind Contributions*	$ N/A	
b)	Local Public Revenues	$ N/A	
c)	Local Private Revenues	$ N/A	
d)	Other Public Revenues		
	1. ODOT	$ N/A	
	2. FMHA	$ N/A	
	3. OEPA	$ N/A	
	4. OWDA	$ N/A	
	5. CDBG	$ N/A	
	6. Other _____	$ N/A	
e)	OPWC Funds		
	1. Grant	$ N/A	
	2. Loan	$1,120,000	100
	3. Loan Assistance	$ N/A	
f)	TOTAL FINANCIAL RESOURCES	$1,120,000	100

*If the required local match is to be 100% In-Kind Contributions, list source of funds to be used for retainage purposes.

3.3 AVAILABILITY OF LOCAL FUNDS

Indicate the status of all local share funding sources listed in section 3.2(a) through 3.4(c). In addition, if funds are coming from sources listed in section 3.2(d), the following information must be attached to this application:

1) The date the funds are available;
2) Verification of funds in the form of an agency approval letter or agency project number.

3.4 PREPAID ITEMS

Definitions:

Cost - Total cost of the Prepaid Item.
Cost Item - Non-construction costs, including preliminary engineering, final design, acquisition expenses (land or R/W)
Prepaid - Cost items (non-construction costs directly related to the project paid prior to receipt of fully executed Project Agreement from OPWC.
Resource Category Source of funds (see section 3.2)
Verification - Invoice(s) and copies of warrant(s) used to for prepaid costs accompanied by Project Manager's Certification (see section 1.4).

IMPORTANT: Verification of all prepaid items shall be attached to this project application.

	COST ITEM	RESOURCE CATEGORY	COST
1)			
2)			
	TOTAL OF PREPAID ITEMS =		$ N/A

3.5 REPAIR/REPLACEMENT or NEW/EXPANSION

This sections need only be completed if the Project is funded by SI2 funds.

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	$1,120,000	100%
State Issue 2 Funds for Repair/Replacement (Not to exceed 90%)	$1,120,000	100%
TOTAL PORTION FOR PROJECT NEW/EXPANSION	$ 0.00	0%
State Issue 2 Funds for New/Expansion (Not to exceed 50%)	$ 0.00	0%

4.0 PROJECT SCHEDULE

		ESTIMATED START DATE	ESTIMATED COMPLETE DATE
4.1	ENGR. DESIGN	12/01/92	04/01/93
4.2	BID PROCESS	05/01/93	06/01/93
4.3	CONSTRUCTION	06/15/93	06/15/94

5.0 APPLICANT CERTIFICATION

The Applicant Certifies That:
As the official representative of the Applicant, the undersigned certifies that: (1) he/she is legally empowered to represent the applicant in both requesting and accepting financial assistance as provided under Chapter 164 of the Ohio Revised Code and 164-1 of the Ohio Administrative Code; (2) that to the best of his/her knowledge and belief, all representations that are a part of this application are true and correct; (3) that all official documents and commitments of the applicant that are a part of this application have been duly authorized by the governing body of the Applicant; (4) and, should the requested financial assistance be provided, that in the execution of this project, the Applicant will comply with all assurances required by Ohio law, including those involving minority business utilization, Buy Ohio, and prevailing wages.

IMPORTANT:Applicant certifies that physical construction on the project as defined in this application has not begun, and will not begin, until a Project Agreement on this project has been issued by the Ohio Public Works Commission. Action to the contrary is evidence that OPWC funds are not necessary to complete this project.

IMPORTANT:Unneeded OPWC funds will be returned to the funding source from which the project was financed.

Shari S. Haldeman, City Manager
Certifying Representative (Type Name and Title)

Shari S. Haldeman September 30, 1992
Signature/Date Signed

Applicant shall check each of the statements below, confirming that all required information is included in this application.

_____ A five-year Capital Improvements Report as required in 164-1-31 of the Ohio Administrative Code and a two-year Maintenance of Local Effort Report as required in 164-1-12 of the Ohio Administrative Code. (Shall be submitted prior to December 31, 1992.)

__X__ A registered professional engineer's estimate of useful life as required in 164-1-13 of the Ohio Administrative Code. Estimate shall contain engineer's original seal and signature.

__X__ A registered professional engineer's estimate of cost as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimate shall contain engineer's original seal and signature.

__X__ A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and to execute contracts.

Yes _____ A copy of the cooperation agreement(s) (for projects involving more than one subdivision or district).
N/A __X__

Yes _____ Copies of all invoices and warrants for those items identified as "prepaid" in section 4.4 of this
N/A __X__ application.

PROJECT COMPONENT DESCRIPTION

1. Upgrade of Existing Filters

The City of Wyoming currently operates two filters, each of which has an area of 240 square feet. The filters are 50 years old and are in poor condition. The underdrains are perforated steel lateral pipes that are very likely extremely worn. No surface wash facilities are present which are now required by Water Work Standards. The filter media is 5 years old and is scheduled for replacement.

2. Addition of New Filters

The Ohio EPA current standard for filtration rates is 2.0 gpm/sq. ft. Because the City of Wyoming has shown to have a high quality finished water, the EPA has approved filtration rates of up to 3.0 gpm/sq. ft. Operating two filters at 3.0 gpm/sq. ft. allows the City of Wyoming to treat 2 mgd. The average water demand for the City is 1.3 mgd. The peak daily demand in the summer has reached as high as 3.0 mgd. During these peak times, the City of Wyoming was forced to exceed the 3.0 gpm/sq. ft. filtration limits to supply the demand. The Ohio EPA has been requesting that the City of Wyoming add filtering capacity for the past several years.

The City of Wyoming will add two new filters, each with an area of 240 square feet. The two new filters will allow the plant design capacity to be 2.0 mgd based on one filter out of service and the remaining filters operating at 2.0 gpm/sq. ft.

The addition of new filters is also needed to allow the upgrade of the existing filters.

3. New Backwash Pump and Piping

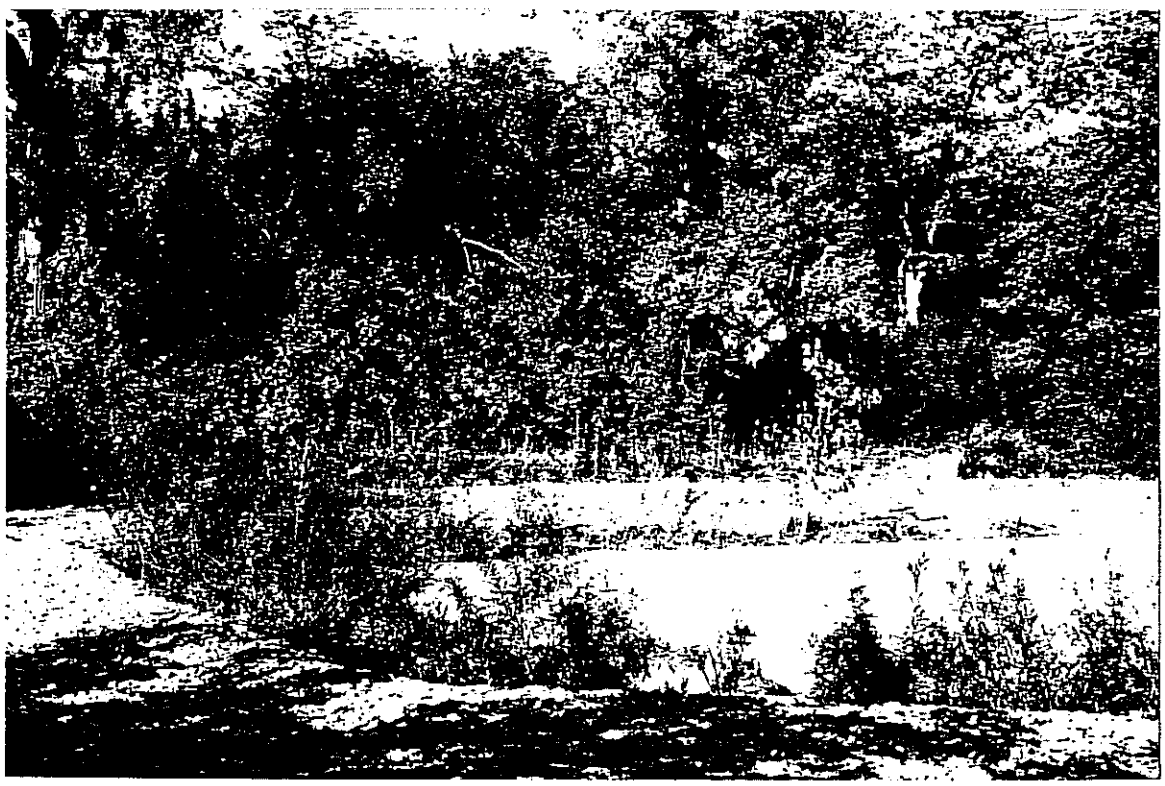
The existing backwash pump is 22 years old. The rated capacity of the pump is 4,050 gpm. However, based on washwater flow tests the pump is only pumping at a rate of 2,500 gpm. This allows the filter to be backwashed at a rate of only 10.5 gpm/sq. ft. Current Water Work Standards require backwash pumps to be able to backwash filters at a rate up to 20.0 gpm/sq. ft. Also at the present time, there is no backup pump and the pump can only draw water from the top seven feet of the clearwell. The new 4,800 gpm backwash pump will take suction from the bottom of the clearwell. Piping and valves will be installed to allow the new backwash pump to backwash both the existing and the proposed filters. A rate-of-flow controller will be used to regulate the backwash flow rate. The existing backwash pump will remain as a backup.

4. New Backwash Reclamation Basin

At the present time backwash wastewater from the filters is discharged to a series of sludge lagoons. The washwater puts a tremendous strain on the sludge handling facilities and sometimes causes carryover to the Mill Creek. Eliminating the wash water will improve the efficiency of the sludge handling facilities. In addition, backwash water has already been softened and can be reclaimed with a small amount of additional chemicals.

A new 150,000 gallon concrete backwash reclamation tank shall be constructed. The tank will allow for the washing of 3 consecutive filters at a flow rate of 4,800 gpm for a period of 10 minutes. The backwash water will then be pumped back to the softening tank at the head of the treatment process.

Oak Avenue Lagoon Site



ADDITIONAL SUPPORT INFORMATION

For Fiscal Year 1994 (July 1, 1993 through June 30, 1994), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items may be required by the Support Staff if information does not appear to be accurate.

1) What is the condition of the existing infrastructure to be replaced, repaired, or expanded? For bridges, submit a copy of the current State form BR-86.

Closed _____ **Poor** X

Fair _____ **Good** _____

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge); surface type and width; number of lanes; structural condition; substandard design elements such as berm width, grades, curves, sight distances, drainage structures, or inadequate service capacity. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded.

There is inadequate service capacity in the existing filters. There are no surface wash facilities and inadequate backwash water available. The existing filters are 50 years and the media is 5 years old. The lack of a backwash reclamation basin sometimes causes carryover of sediments to the Mill Creek.

2) If State Issue 2 funds are awarded, how soon (in weeks or months) after receiving the Project Agreement from OPWC (tentatively set for July 1, 1993) would the project be under contract? The Support Staff will be reviewing status reports of previous projects to help judge the accuracy of a particular jurisdiction's anticipated project schedule.

6 weeks/(months) **(Circle one)**

Are preliminary plans or engineering completed? (Yes) No

Are detailed construction plans completed? Yes (No)

Are all right-of-way and easements acquired? Yes No (N/A)

Are all utility coordinations completed? Yes No (N/A)

Give an estimate of time, in weeks or months, to complete any item above not yet completed. 6 weeks/(months)

3) How will the proposed project impact the general health, safety and welfare of the service area? (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, health hazards, user benefits, and commerce.) Please be specific and provide documentation if necessary to substantiate the data.

Upgrading filters will allow the City of Wyoming to comply with Ohio EPA standards. The improvements to the filters will improve the quality of the drinking water. Adding a backwash reclamation basin will prevent the carryover of excess sediments to the Mill Creek and allow the City of Wyoming to comply with their NPDES permit.

4) What type of funds are to be utilized for the local share for this project?

Federal _____ ODOT _____ Local _____

MRF _____ OWDA _____ CD _____

Other 100% of loan amount

Note: If MRF funds are being used for the local share, the MRF application must have been filed by August 1, 1992 for this project with the Hamilton County Engineer's Office.

The minimum amount of matching funds for grant projects (local share) must be at least 10% of the TOTAL CONSTRUCTION COST. What percentage of matching funds are being committed to this project?

0 %

5) Has any formal action by a federal, state, or local government agency resulted in a complete or partial ban of the use or expansion of use for the involved infrastructure? (Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits.) A copy of the legislation must be submitted with the application. THE BAN MUST HAVE AN ENGINEERING JUSTIFICATION TO BE VALID.

Complete Ban _____ Partial Ban _____ No Ban X

Will the ban be removed after the project is completed?

Yes _____ No _____

6) What is the total number of existing users that will benefit as a result of the proposed project?

3,400 x 4 = 13,600

For roads and bridges, multiply current documented Average Daily Traffic by 1.20. For public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4.

7) Has the jurisdiction developed a Five Year Capital Improvement Plan as required in O.R.C., chapter 164? (This must be included with the application to be considered for funding.)

Yes _____ No X

(Will be submitted with Capital Improvements Report prior to December 31, 1992.)

8) Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

The upgrade and addition of new filters will allow the City of Wyoming to comply with Ohio EPA regulations. The quality of the drinking water will be improved for the entire community.

The addition of a backwash reclamation basin will allow the existing sludge lagoons to operate more effectively, resulting in less sediments being discharged into the Mill Creek.

STATE ISSUE 2 PROGRAM - ROUND 6

LTIP PROGRAM - ROUND 5

FISCAL YEAR 1994 PROJECT SELECTION CRITERIA - JULY 1, 1993 TO JUNE 30, 1994

ADOPTED BY THE DISTRICT 2 INTEGRATING COMMITTEE JULY 17, 1992

AMENDED BY THE DISTRICT 2 INTEGRATING COMMITTEE SEPTEMBER 18, 1992

JURISDICTION/AGENCY: Wyoming

NAME OF PROJECT: WTP Impr.

TOTAL POINTS FOR THIS PROJECT: 76

NO. POINTS

10 1) If Issue 2/LTIP Funds are granted, when would the construction contract be awarded? (The Support Staff will assign points based on engineering experience.)

10 Points - Will be under contract by end of 1993

5 Points - Will be under contract by March 30, 1994

0 Points - Will not be under contract by March 30, 1994

20 2) What is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.

20 Points - Poor Condition
16 Points -
12 Points - Fair to Poor Condition
8 Points -
4 Points - Fair Condition

NOTE: If the infrastructure is in "good" or better condition it will NOT be considered for Issue 2/LTIP funding, unless it is a betterment project that will improve serviceability.

~~10~~ 2

3) If the project is built, what will be its effect on the facility's serviceability?

10 Points - Significant effect (e.g., widen to and add lanes along entire project)
8 Points - Moderate to significant effect
6 Points - Moderate effect (e.g., widen exist. lanes)
4 Points - Moderate to little effect
2 Points - Little or no effect (e.g., street or bridge deck rehabilitation)

~~10~~ 0

4) How important is the project to HEALTH, SAFETY, AND WELFARE of the public and the citizens of the District and/or service area?

10 Points - Highly significant importance, with substantial impact on all 3 factors
8 Points - Considerably significant importance, with substantial impact on 2 factors OR noticeable impact on all 3 factors
6 Points - Moderate importance, with substantial impact on 1 factor or noticeable impact on 2 factors
4 Points - Minimal importance, with noticeable impact on 1 factor
2 Points - No measurable impact

_____ 5) What is the overall economic health of the jurisdiction?

10 Points - Poor
8 Points -
6 Points - Fair
4 Points -
2 Points - Excellent

5 LOAN

6) What matching funds are being committed to the project, expressed as a percentage of the TOTAL CONSTRUCTION COST? Loan and Credit Enhancement projects automatically receive 5 points, and no match is required. All grant funded projects require a minimum of 10% matching funds.

5 Points - 50% or more
4 Points - 40% to 49.99%
3 Points - 30% to 39.99%
2 Points - 20% to 29.99%
1 Point - 10% to 19.99%

0 7) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure? POINTS MAY ONLY BE AWARDED IF THE END RESULT OF THE PROJECT WILL CAUSE THE BAN TO BE LIFTED.

5 Points - Complete or significant ban
3 Points - Partial or moderate ban
0 Points - No ban of any kind

5 8) What is the total number of existing daily users that will benefit as a result of the proposed project? Appropriate criteria include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for roads and bridges, but only when certifiable ridership figures are provided.

5 Points - 10,000 or more
4 Points - 7,500 to 9,999
3 Points - 5,000 to 7,499
2 Points - 2,500 to 4,999
1 Point - 2,499 and under

X 9) Does the infrastructure have REGIONAL impact? Consider origins and destinations of traffic, functional classification, size of service area, number of jurisdictions served, etc.

5

5 Points - Major impact (e.g., major multi-jurisdictional route, primary feed route to an Interstate, Federal - Aid Primary routes)
4 Points -
3 Points - Moderate impact (e.g., principal thoroughfares, Federal - Aid Urban routes)
2 Points -
1 Point - Minimal or no impact (e.g., cul-de-sacs, subdivision streets)

1 10) Has the jurisdiction enacted the optional $5 license plate fee, an infrastructure levy, a user fee, or a dedicated tax for infrastructure?

2 Points - Two of the above
1 Point - One of the above
0 Points - None of the above

ADDENDUM TO THE RATING SYSTEM
DEFINITIONS

CRITERION 2 - CONDITION

Poor - Condition is dangerous, unsafe or unusable

Fair to Poor - Condition is inadequate or substandard

Fair - Condition is average, not good or poor

CRITERION 5 - ECONOMIC HEALTH

The following factors are used to determine economic health:

1) Median per capita income

2) Per capita assessed valuation of the total community real estate and personal property

3) Poverty indicators

4) Effective tax rates

5) Total corporate debt as a percentage of assessed valuation

6) Municipal revenues and expenditures per capita

CRITERION 9 - REGIONAL IMPACT

Major impact - Primary water or sewer main serving an entire system

Moderate impact - Waterline or storm sewer serving only part of a system

Minimal impact - Individual waterline or storm sewer not part of a system